Y!!/IMHthw!

# USER MANUAL

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**NOTE**

**The rating data indicated on the energy label is based on the testing condition of installing the un-extended air exhaust duct without adaptor A & B (The duct and the adaptor A & B are listed in the accessories chart of the Instruction Manual).**





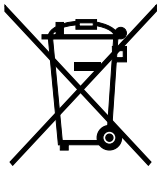
**When using this air conditioner in the European countries, the following information must be followed:**

**DISPOSAL:** Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

It is prohibited to dispose of this appliance in domestic household waste.
For disposal, there are several possibilities:

A) The municipality has established collection systems, where electronic waste can be disposed of at least free of charge to the user.
B) When buying a new product, the retailer will take back the old product at least free of charge.
C) The manufacture will take back the old appliance for disposal at least free of charge to the user.
D) As old products contain valuable resources, they can be sold to scrap metal dealers.

Wild disposal of waste in forests and landscapes endangers your health when hazardous substances leak into the ground-water and find their way into the food chain.



## SAFETY PRECAUTIONS

### Safety rules

To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring of instructions may cause harm or damage.

**Always do this**

- Your air conditioner should be used in such a way that it is protected from moisture. e.g. condensation, splashed water, etc. Do not place or store your air conditioner where it can fall or be pulled into water or any other liquid. Unplug immediately.
- Always transport your air conditioner in a vertical position and stand on a stable, level surface during use.
- Turn off the product when not in use.
- Always contact a qualified person to carry out repairs. If the supply cord is damaged it must be repaired by a qualified repairer.
- Keep an air path of at least 30cm all around the unit from walls, furniture and curtains.
- If the air conditioner is knocked over during use, turn off the unit and unplug from the mains supply immediately.

**Never do this**

- Do not operate your air conditioner in a wet room such as a bathroom or laundry room.
- Do not touch the unit with wet or damp hands or when barefoot.
- Do not press the buttons on the control panel with anything other than your fingers.
- Do not remove any fixed covers. Never use this appliance if it is not working properly, or if it has been dropped or damaged.
- Never use the plug to start and stop the unit.
- Always use the switch on the control panel.
- Do not cover or obsturct the inlet or outlet grilles.
- Do not use hazardous chemicals to clean or come into contact with the unit. Do not use the unit in the presence of inflammable substances or vapour such as alcohol, insecticides, petrol,etc.
- Do not allow children to operate the unit unsupervised.
- Do not use this product for functions other than those described in this instruction manual.

**Energy Save**

- Use the unit in the recommended room size.
- Locate the unit where furniture cannot obstruct the air flow.
- Keep blinds/curtains closed during the sunniest part of the day.
- Keep the filters clean.
- Keep doors and windows closed to keep cool air in and warm air out.

### Operating condition

- The air conditioner must be operated within the temperature range indicated below:

| MODE | ROOM TEMPERATURE |
|---|---|
| COOL | 17°C(62°F)~35°C(95°F) |
| DRY | 13°C(55°F)~35°C(95°F) |
| HEAT(heat pump type) | 5°C(41°F)~30°C(88°F) |
| HEAT(electrical heat type) | ≤30°C/88°F |

Note: Performance may be reduced outside of these operating temperatures.

### Suggested tools for window kit installation

1. Screwdriver(medium size Phillips)
2. Tape measure or ruler
3. Knife or scissors
4. Saw(In the event that the window kit needs to be cut down in size because the window is too narrow for direct installation)



## IDENTIFICATION OF PARTS

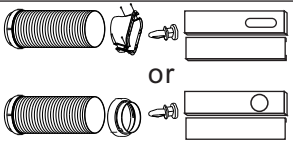
**⚠ WARNING** **For your safety**

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- Avoid fire hazard or electric shock. Do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

**⚠ WARNING** **Electrical Information**

- Be sure the electrical service is adequate for the model you have chosen. This information can be found on the serial plate, which is located on the side of the cabinet and behind the grille.
- Be sure the air conditioner is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your air conditioner must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.
- Ensure the receptacle is accessible after the unit installation.

### Accessories

| PARTS : | PARTS NAME : | QUANTITY : |
|---|---|---|
|  | Exhaust hose and adaptor 1(supplied), adaptor B(round mouth or flat month:depending on models) and Window Slider Kit and bolt(※) | 1 set |
| | Adaptor B(round mouth) (※) | 1 set |
| | Wall Exhaust Adaptor A(※) | 1 pc |
| | Expansion Plug and wooden screw(※) | 4/ pc |
| | Foam seal (※) | 3/pc |
| | Remote Controller and Battery (For remote control models only) | 1set |
| | Drain hose | 1pc |

***NOTE: Optional parts(※), some models without.***

- Check all the accessories are included in the package and please refer to the installation instructions for their usage.

NOTE: *All the illustrations in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.*

## NAMES OF PARTS

### Front

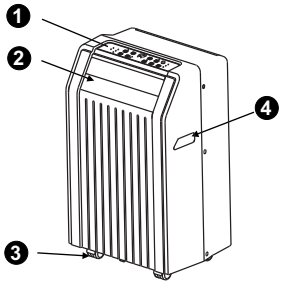
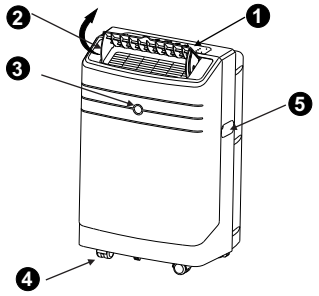


Fig.1

**Model A**



**Model B**

Fig.2

❶ Operation Panel
❷ Horizontal Louver Blade (swing automatically)
❸ Caster
❹ Carrying Handle (both sides)

❶ Operation Panel
❷ Horizontal Louver Blade (manually)
❸ Remote signal receptor
❹ Caster
❺ Carrying Handle (both sides)

### Rear

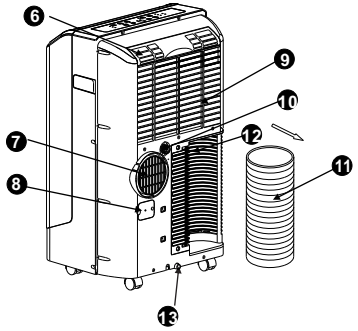


Fig.3

❻ Upper Air Filter (Behind the grille)
❼ Air Outlet
❽ Power cord outlet
❾ Air intake
❿ Drain Outlet
⓫ Exhaust hose
⓬ Air intake grille
⓭ Bottom tray drain outlet





## ELECTRONIC CONTROL OPERATING INSTRUCTIONS

Before you begin, thoroughly familiarize yourself with the control panel and remote controller and all its functions, then follow the symbol for the functions you desire.
**The unit can be controlled by the unit control panel alone or with the remote controller .**
***NOTE: This manual does not include Remote Controller Operations, see the <<Remote Controller Instruction>> packed with the unit for details.***

## OPERATION PANEL OF THE AIR CONDITIONER

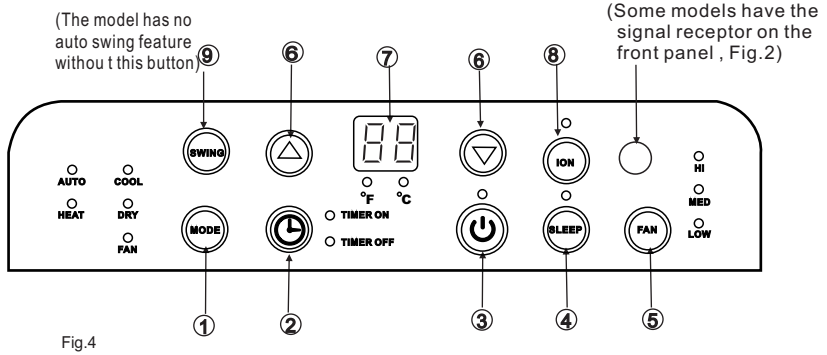



Fig.4

❶ **MODE select button**
Selects the appropriate operating mode. Each time you press the button, a mode is selected in a sequence that goes from AUTO, COOL, DRY, FAN and HEAT(cooling only models without). The mode indicator light illuminates under the different mode settings Fig.4.

❷ **TIMER button**
Used to initiate the AUTO ON start time and AUTO OFF stop time program, in conjuction with the △ & ▽ buttons.

❸ **POWER button**
Power switch on/off.

❹ **SLEEP button**
Used to initiate the SLEEP operation.

❺ **FAN button**
Control the fan speed. Press to select the fan speed in four steps-LOW, MED, HI and AUTO. The fan speed indicator light illuminates under different fan settings except AUTO speed. When select AUTO fan speed, all the fan indicator lights turn dark.

❻ **UP(△ ) and DOWN(▽) button**
Used to adjust (increasing/decreasing) temperature settings(1℃/2℉ increments) in a range of 17℃(62℉) to 30℃(88℉) or the TIMER setting in a range of 0~24hrs..
**NOTE:** The control is capable of displaying temperature in degrees Fahrenheit or degrees Celsius. To convert from one to the other, press and hold the Up and Down buttons at the same time, for 3 seconds.

❼ **LED Display**
Shows the set temperature in " °C" or " °F" and the Auto-timer settings.
While on DRY and FAN modes, it shows the room temperature.

***Error codes:***
***E1-*** Room temperature sensor error- Unplug the unit and plug it back in. If error repeats, call for service.
***E2-*** Evaporator temperature sensor error- Unplug the unit and plug it back in. If error repeats, call for service.
***E4-*** *Display panel communication* error- Unplug the unit and plug it back in. If error repeats, call for service.
***P1-*** Bottom tray is full - Connect the drain hose and drain the collected water away. If error repeats, call for service.

**⑧ ION button(optional)**

Press the ION button, the ion generator is ener gized and will help to remove pollen and impur ities from the air, and trap them in the filter. Press it again to stop the function.

**⑨ SWING button**

(Applicable to the models with auto swing feature only)

When the operation is ON, press the SWING button can stop the louver at the desired angle. The louver swing up to an angle of 6° for each press. Keep pressing the button more than 2 seconds can initiate the auto swing feature.

## Operating Instructions

**COOL operation**

- Press the "MODE" button until the "COOL" indicator light comes on.
- Press the ADJUST buttons "¡" or " ¦ to select your desired room temperature. The temperature can be set within a range of 17°C-30°C/62°F-88°F.
- Press the "FAN SPEED" button to choose the fan speed.

**HEAT operation(cooling only models without)**

- Press the "MODE" button until the "HEAT" indicator light comes on.
- Press the ADJUST buttons "¡" or " ¦ to select your desired room temperature. The temperature can be set within a range of 17°C-30°C/62°F-88°F.
- Press the "FAN SPEED" button to choose the fan speed. For some models, the fan speed can not be adjusted under HEAT mode.

**DRY operation**

- Press the "MODE" button until the "DRY" indicator light comes on.
- Under this mode, you cannot select a fan speed or adjust the temperature. The fan motor operates at LOW speed.
- Keep windows and doors closed for the best dehumidifying effect.
- Do not put the duct to window.

**AUTO operation**

- When you set the air conditioner in AUTO mode, it will automatically select cooling, heating(cooling only models without), or fan only operation depending on what temperature you have selected and the room temperature.
- The air conditioner will control room temperature automatically round the temperature point set by you.
- Under AUTO mode, you can not select the fan speed.

**FAN operation**

- Press the "MODE" button until the "FAN " indicator light comes on.
- Press the "FAN SPEED" button to choose the fan speed. The temperature cannot be adjusted.
- Do not put the duct to window.

**TIMER operation**

- When the unit is on, first press the Timer button, the TIMER OFF indicator light illuminates. It indicates the Auto Stop program is initiated.
- When the unit is off, first press the Timer button, the TIMER ON indicator light illuminates. It indicates the Auto Start program is initiated.
- Press or hold the UP or DOWN button to change the Auto time by 0.5 hour increments, up to 10 hours, then at 1 hour increments up to 24 hours. The control will count down the time remaining until start.
- The selected time will register in 5 second and the system will automatically revert back to display the previous temperature setting.
- Turning the unit ON or OFF at any time or adjusting the timer setting to 0.0 will cancel the Auto Start/ Stop timed program.
- When the malfunction (E1,E2or E4) occurs, the Auto Start/Stop timed program will also be cancelled.

**SLEEP operation**

Press this button, the selected temperature will increase(cooling) or decrease(heating) by 1°C/2°F 30 minutes.The temperature will then increase(cooling) or decrease (heating) by another 1°C/2°F after an additional 30 minutes. This new temperature will be maintained for 7 hours before it returns to the originally selected temperature. This ends the Sleep mode and the unit will continue to operate as originally programmed.

**NOTE:** This feature is unavailabe under FAN or DRY mode.





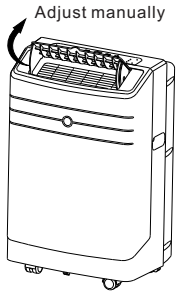



Fig.5

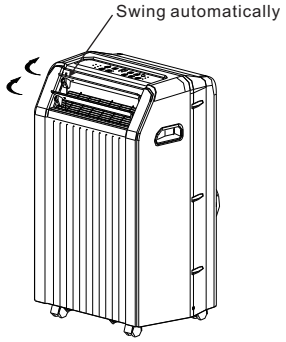



Fig.6

## Other features

**Power Outage**

In the case of a power outage or interruption, the unit will auto matically re-start, in the settings ast used, after the power is restored.

**Wait 3 minutes before resuming operation**

After the unit has stopped, it can not be restarted operation in the first 3 minutes. This is to protect the unit. Operation will automatically start after 3 minutes.

**Air flow direction adjustment**

The louver can be adjusted manually or automatically according to the different models.

- **Adjust the air flow direction manually (Fig.5):**
  - The louver can be set to the desired position manually. The max setting angle is about 60°, please do not force to set any larger.
  - Do not place any heavy objects or other loads on the louver, doing so will cause damage to the unit.
  - **Ensure the louver is fully opened under heating operation.**
  - **Keep the louver fully opened during operation.**

- **Adjust the air flow direction automatically (Fig.6):**
  - When operation is ON, the louver opens fully. Use the SWING button on the remote controller can stop the louver at the desired angle.
  - The louver move up to an angle of 6° for each press until it move to a position which would affect the cooling or heating effect of the air conditioner, it would automatically change the swing direction.
  - If keep pressing the SWING button more than 2 seconds, the auto swing feature is activated. The louver swings as shown in Fig.6

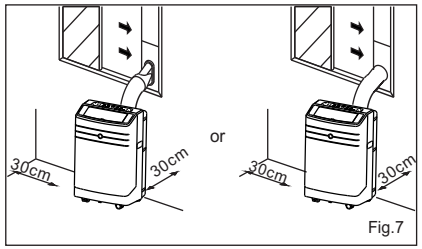


Fig.7

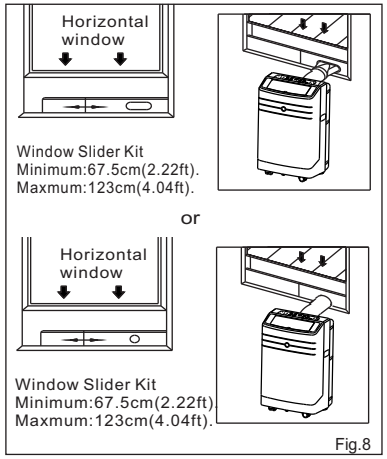


Fig.8

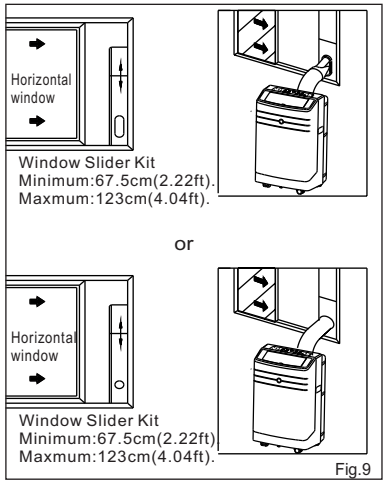


Fig.9

## INSTALLATION INSTRUCTIONS

### Location

- The air conditioner should be placed on a firm foundation to minimize noise and virbration. For safe and secure positioning, place the unit on a smooth, level floor strong enough to support the unit.
- The unit has casters to aid placement, but it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpet surfaces. Do not attempt to roll the unit over objects.
- The unit must be placed within reach of a properly rated grounded socket.
- Never place any obstacles around the air inlet or outlet of the unit.
- Allow at least 30cm of space from the wall for efficient air-conditioning.

### Window Slider kit Installation

Your window slider kit has been designed to fit most standard "Vertical" and "horizontal"window applications, However, it may be necessary for you to improvise/modify some aspects of the installation procedures for certain types of window. Please refer to Fig. 8& Fig.9 for minimum and maximum window openings.Window slider kit can be fixed with a bolt (see Fig.9a).

**Note:** If the window opening is less than the mentioned minimum length of the window slider kit, cut that one with a hole in it short to fit for the window opening. Do never cut out the hole in window slider kit.

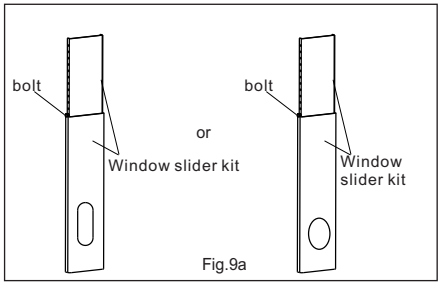


Fig.9a





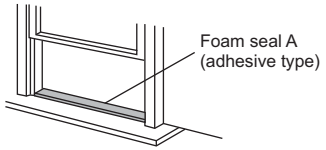


Fig.10

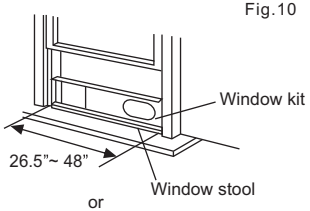


Fig.11

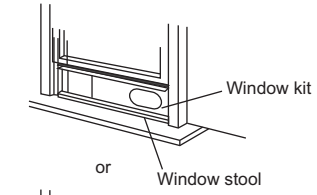


Fig.12

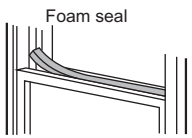


Fig.13

### Installation in a double-hung sash window

1. Cut the foam seal(adhesive type) to the proper length and attach it to the window stool. Fig.10

2. Attach the window slider kit to the window stool. Adjust the length of the window slider kit according to the width of window, shorten the adjustable window kit if the width of window is less than 27 inches. Open the window sash and place the window slider kit on the window stool. Fig.11

3. Cut the foam seal(adhesive type) to the proper length and attach it on the top of the window. Shown as in Fig.12.

4. Close the window sash securely against the window.

5. Cut the foam seal to an appropriate length and seal the open gap between the top window sash and outer window sash. Shown as in Fig.13.

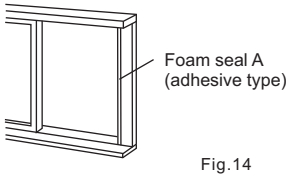



Fig.14

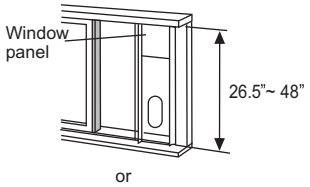



Fig.15

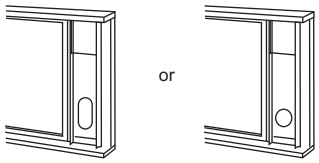



Fig.16

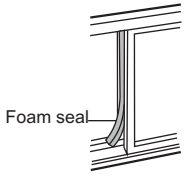



Fig.17

## Installation in a sliding sash window

1. Cut the foam seal(adhesive type) to the proper length and attach it to the window frame,Fig.14.

2. Attach the window slider kit to the window stool. Adjust the length of the window slider kit according to the width of window, shorten the adjustable window kit if the width of window is less than 27 inches. Open the window sash and place the window slider kit on the window stool. See Fig.15.

3. Cut the foam seal(adhesive type) to the proper length and attach it on the top of the window. Shown as in Fig.16.

4. Close the sliding sash securely against the window.

5. Cut the foam seal to an appropriate length and seal the open gap between the top window sash and outer window sash. Shown as in Fig.17.





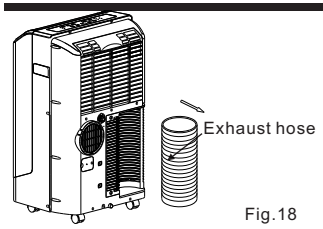



Fig.18

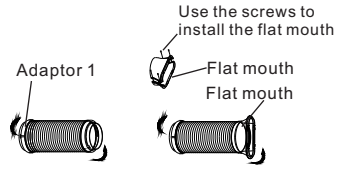



Fig.19a Fig.19b

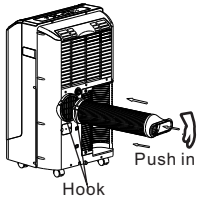



Fig.20

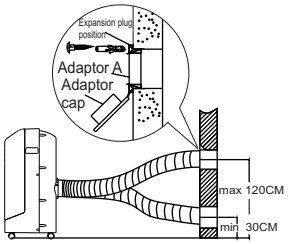



Fig.21

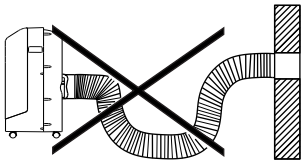


Fig.22

## Exhaust hose installation:

The exhaust hose and adaptor must be installed or removed in accordance with the usage mode.

| | |
|---|---|
| COOL,HEAT(heat pump type) or AUTO mode | Install |
| FAN,DEHUMIDIIFY or HEAT(electrical heat type) mode | Remove |

- For the first time to use the machine, take the exhaust hose out as shown in Fig.18.

1. Install the adaptor B and adaptor I onto the exhaust hose as shown in Fig.19a or Fig.19b. Refer to the previous pages for window kit installation.
2. Place the Exhaust hose over against the air outlet opening hook and flat the other end(See Fig.20) for quick installation.

**Note:**
**Extend the both ends of the exhaust hose to a length of 30~50mm before install the adaptor B and apaptor I onto the exhaust hose.**

**The exhaust hose can be installed into the wall**
(Not applicable to the units without adaptor A, expansion plugs and wooden screws of Accessories ).

1. Prepare a hole in the wall. Install the wall Exhaust adaptor A onto the wall(outside) by using 4 expansion plugs and wooden screws, be sure to fix thoroughly. (See Fig.21)
2. Attach the Exhaust hose installed adaptor B (round mouth) to wall Exhaust adaptor A.

**Note:**
***Cover the hole using the adaptor cap when not in use.***

- The exhaust hose can be compressed or extended moderately according to the installation requirement, but it is desirable to keep the hose length to a minimum.

**IMPORTANT:**

DO NOT OVER BEND THE EXHAUST HOSE (SEE Fig.22)

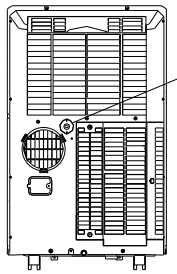



Fig.23

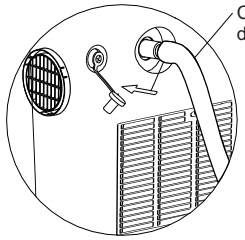



Fig.24

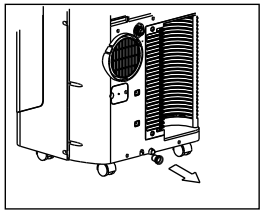


Fig.25

## Water drainage:

- During dehumidifying modes, remove the drain plug from the back of the unit, install the drain connector(5/8¨ universal female mender) with 3/4¨hose(locally purchased). For the models without drain connector, just attach the drain hose to the hole. Place the open end of the hose directly over the drain area in your basement floor. Please refer to Fig.23 & 24.

- When the water level of the bottom tray reaches a predetermined level, the unit beeps 8 times, the digital display area shows "P1" . At this time the air conditioning/dehumidification process will immediately stop. However, the fan motor will continue to operate(this is normal).
  Carefully move the unit to a drain location, remove the bottom drain plug and let the water drain away(Fig.25). Restart the machine until the "P1" symbol disappears. If the error repeats, call for service.





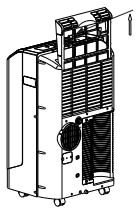



Fig.26

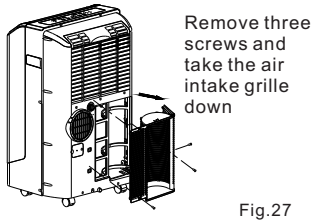



Fig.27

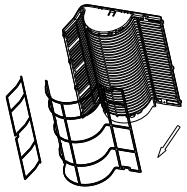



Fig.28

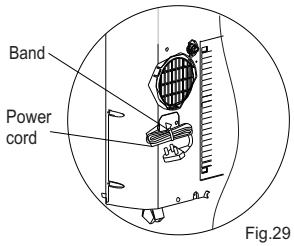



Fig.29

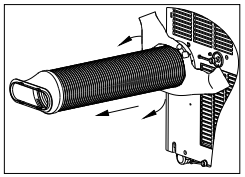


Fig.30

## CARE AND MAINTENANCE

**IMPORTANT:**

1) Be sure to unplug the unit before cleaning or servicing.
2) Do not use gasoline, thinner or other chemicals to clean the unit.
3) Do not wash the unit directly under a tap or using a hose. It may cause electrical danger.
4) If the power cord is damaged, it should be repaired by manufacture or its agency.

### 1. Air filter

- Clean the air filter at least once every two weeks to prevent inferior fan operation because of dust.
- Removal
  This unit has two filter. Grasp the upper filter tab(Fig.26), pull the filter ¨out¨ then ¨up¨. Remove the lower filter by loosening the screws, taking down the air inlet grille, then removing the air filter as shown in Fig.27 & 28.
- Cleaning
  Wash the air filter by immersing it gently in warm water (about 40°C/104°F) with a neutral detergent. Rinse the filter and dry it in a shady place.
- Mounting
  Insert the upper air filter from upward after cleaning, attach the lower air filter to the air inlet grille, then install the grille by using the screws. Make sure the screws are securely fastened.

### 2. Unit enclosure

- Use a lint-free cloth soaked with neutral detergent to clean the unit enclosure. Finished by a dry clean cloth.

### 3. Unit idle for a long time

- Remove the rubber plug at the back of the unit and attach a hose to drain outlet. Place the open end of the hose directly over the drain area in your basement floor (See Fig.23 & 24).
- Remove the plug from the bottom drain outlet, all the water in the bottom tray would drain out (See Fig.25).
- Keep the appliance running on FAN mode for half a day in a warm room to dry the appliance inside and prevent mold forming.
- Stop the appliance and unplug it, wrapped the cord and bundle it with the tape(Fig.29). Remove the batteries from the remote controller.
- Clean the air filter and reinstall it.
- Unscrew the exhaust hose to the right or left and pull out for uninstallation(Fig.30), keep it safety or place behind the air intake grille, and cover the window(wall) hole with the adaptor cap.

## TROUBLESHOOTING TIPS

### TROUBLE SHOOTING

| TROUBLES | POSSIBLE CAUSES | SUGGEST REMEDIES |
|---|---|---|
| **1. Unit does not Start when Pressing on/off Button** | - P1 appears in the display window | Drain the water in the bottom tray. |
| | - Room temperature is lower than the set temperature.(Cooling mode) | Reset the temperature. |
| **2. Not cool enough** | - The windows or doors in the room are not closed. | Make sure all the windows and doors are closed. |
| | - There are heat sources inside the room. | Remove the heat sources if possible. |
| | - Exhaust air duct is not connected or blocked. | Connect the duct and make sure it can function properly. |
| | - Temperature setting is too high. | Decrease the set temperature. |
| | - Air filter is blocked by dust. | Clean the air filter. |
| **4. Noisy or vibration** | - The ground is not level or not flat enough. | Place the unit on a flat, level ground if possible. |
| **5. Gurgling sound** | - The sound comes from the flowing of the refrigerant inside the air-conditioner. | It is normal. |
| **6. Power shut off at Heating mode** | - The automatic over heat protection function. When the temperature at the air outlet exceed 70°C/158°F,the device will stop. | Switch on again after the unit has cool down. |

# AIR CONDITIONER

# REMOTE CONTROL

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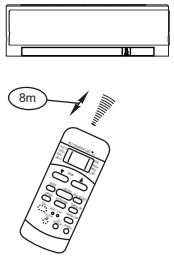
## Handling the remote controller



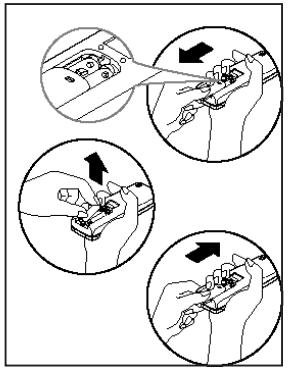

### Location of the remote controller.

- Use the remote controller within a distance of 8 meters from the appliance, pointing it towards the receiver. Reception is confirmed by a beep.

**⚠CAUTIONS**

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote controller to the indoor unit.
- Prevent any liquid from falling into the remote controller. Do not expose the remote controller to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote controller. either move these appliances or consult your local dealer.

### Replacing batteries



The remote controller is powed by two dry batteries(R03/LR03X2) housed in the rear part and protected by a cover.

(1) Remove the cover by pressing and sliding off.

(2) Remove the old batteries and insert the new batteries,placing the(+) and (-) ends correctly.

(3) Reattach the cover by sliding it back into position.

**NOTE:** When the batteries are removed, the remote controller erases all programming. After inserting new batteries, the remote controller must be reprogrammed.

**⚠CAUTIONS**

- Do not mix old and new batteries or batteries of a different type.
- Do not leave the batteries in the remote controller if it is not going to be used for 2 or 3 months.
- Dispose of the old batteries in the special containers to be found in the sales outlets.

## Remote Controller Specifications

| Model | R51I13/BG(C)E, R51I14/BG(C)E, R51I15/BG(C)E, R51I16/BG(C)E, R51I17/BG(C)E. |
|---|---|
| Rated Voltage | 3.0V(Dry batteries R03/LR03¡2) |
| Lowest Voltage of CPU Emitting Signal | 2.0V |
| Signal Receiving Range | 8m (when using 3.0 voltage, it Gets 11m) |
| Environment | -5¡ ,6¡(  -41°F~140°F |

**NOTE:**

**Temperature setting display:**

Celsius scale( °C): R51I14/BG(C)E, R51I16/BG(C)E.

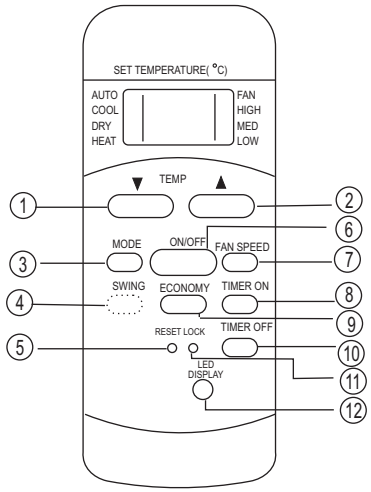
Fahrenheit scale( °F): R51I13/BG(C)E, R51I15/BG(C)E, R51I17/BG(C)E.

## Performance Feature

1. Operating Mode: AUTO, COOL, DRY, HEAT(Cooling only model without), and FAN.
2. Timer Setting Function in 24 hours.
3. Indoor Setting Temperature Range : 1¡C~30¡C(62°F~88°F).
4. Full function of LCD (Liquid Crystal Display)
5. Back light emitting.



## Function buttons




Model: R51I14/BG(C)E, R51I16/BG(C)E.

***NOTE:***

- R51I16/BG(C)E models have no SWING feature.

**❶ TEMP UP Button**

Push this button to increase the indoor temperature setting in 1°C(2°F) increments to 30°C(88°F).

**❷ TEMP DOWN Button**

Push this button to decrease the indoor temperature setting in 1°C(2°F) increments to 17°C(62°F).

**❸ MODE Button**

Each time the button is pressed, the operation mode is selected in the sequence of the following:

AUTO → COOL → DRY → HEAT → FAN

**NOTE:** *Heat mode is for Cooling & Heating models only.*

**❹ SWING Button(on some models)**

Used to stop or start louver movement and set the desired up/down airflow direction.

**❺ RESET Button**

Once the recessed RESET button is pressed, all of the current settings will be cancelled and the controller will return to the initial settings.

**❻ ON/OFF Button**

Operation starts when this button is pressed and stops when the button is pressed again.

**❼ FAN SPEED Button**

Used to select the fan speed in four steps:

Auto → Low → Med → High

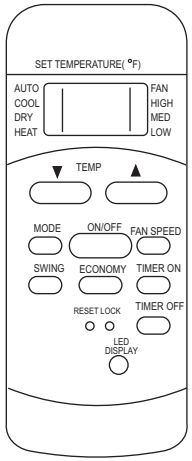
**❽ TIMER ON Button**

Press this button to activate the Auto-on time setting. Each press will increase the time setting in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours. To cancel the Auto-on time setting, just press the button until the time setting is 0.0.

**❾ ECONOMY(SLEEP) Button**

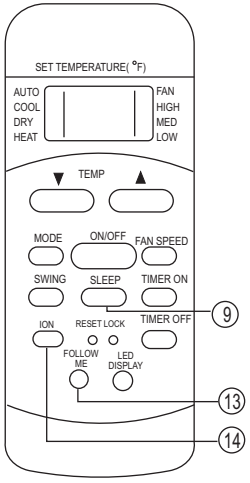
Select this function during the sleeping time. It can maintain the most comfortable temperature and save energy. This function is available on COOL, HEAT or AUTO mode only .

## Function buttons(continued)




Model: R51I13/BG(C)E,
R51I15/BG(C)E.

***NOTE:*** R51I15/BG(C)E models hav e no SWING feature.




**Model: R51I17/BG(C)E**

***NOTE:*** *While the unit is running under Energy-saving mode, it would be cancelled if any other buttons are pressed.*

**⑩ TIMRT OFF Button**

Press this button to activate the Auto-off time setting. Each press will increase the time setting in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours. To cancel the Auto-off time setting, just press the button until the time setting is 0.0.

**⑪ LOCK Button**

Press this recessed button to lock all current settings, and the remote controller will not accept any operation except that of the LOCK. Use the LOCK mode when you want to prevent settings from being changed accidentally. Press the LOCK button again to cancel the LOCK function. A lock symbol will appear on the remote controller display when the lock function is activated.

**⑫ LED Display Button**

Press this button to clear the display on the indoor unit, press it again to light the display .

**⑬ FOLLOW ME Button**

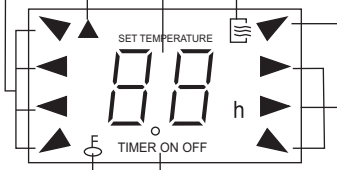
- Press this button to initiate FOLLOW ME function.
- When the Follow Me function is activated, the remote display is actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the Follow Me button again.
- The Follow Me function is not available under DRY and FAN mode.
- Switch the operation mode or turn off the unit will cancel the follow me function automatically.

**⑭ ION Button**

When push this button, the ion generator is energized and will help to remove pollen and impurities from the air.



## Indicators on LCD




**MODE display**

Displays the current selected mode. Including AUTO, COOL, DRY, HEAT (cooling & heating models only) and FAN.

**Transmission Indicator**

This transmission indicator will light when remote controller transmits signals to the indoor unit.

**Temp./Timer display**

The temperature setting (from 17°C(62° F) to 30°C(88°F)) or timer setting (0~24h) will be displayed. If FAN mode is selected, there will be no display.

**ON/OFF display**

This indicator will be displayed when the unit is operating.

**MODE display**(FAN mode)

**FAN SPEED display**

Displays the selected fan speed: AUTO, HIGH, MED and LOW. Nothing displays when the fan speed is selected in AUTO speed. When AUTO or DRY Mode is selected, there will be no signals displayed.

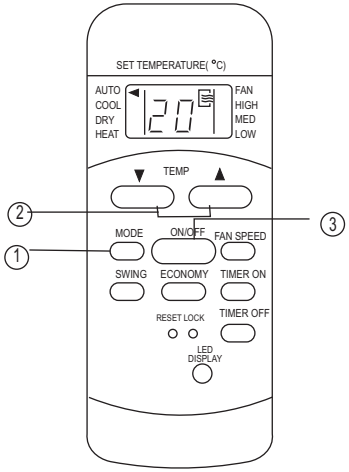
**TIMER display**

This display area shows the settings of the TIMER. That is, if only the Auto-on time function is set, it will display TIMER ON. If only the Auto-off time function is set, it will display TIMER OFF. If both functions are set, it will display TIMER ON OFF which indicates you have chosen both the Auto-on time and Auto-off time.

**LOCK Indicator**

LOCK display is displayed when pushing the LOCK button. Push the LOCK button to clear display.

## How to use the buttons




### Auto operation

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit illuminates.

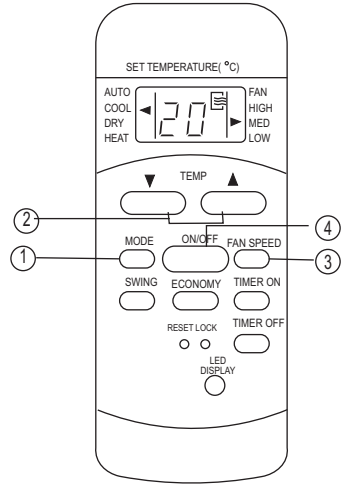
1. Press the **MODE** button to select Auto.
2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17℃(62℉)~ 30℃ in 1℃(2℉) increments.
3. Press the **ON/OFF**button to start the air conditioner.

***NOTE***

*1. In the Auto mode, the air conditioner can logically choose the mode of Cooling, Fan, Heating and Dehumidifying by sensing the difference between the actual ambient room temperature and the set temperature on the remote controller.*

*2. In the Auto mode, you can not switch the fan speed. It has already been automatically controlled.*

*3. If the Auto mode is not comfortable for you , the desired mode can be selected manually.*




### Cooling /Heating/Fan operation

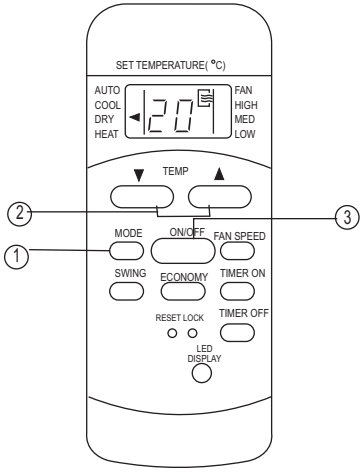
Ensure the unit is plugged in and power is available.

1. Press the **MODE** button to select COOL, HEAT, (cooling & heating models only) or FAN mode.
2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17℃(62℉)~ 30℃ in 1℃(2℉) increments.
3. Press the **FAN SPEED** button to select the fan speed in four steps- Auto, Low, Med,or High.
4. Press the **ON/OFF** button to start the air conditioner.

***NOTE***

*In the FAN mode, the setting temperature is not displayed in the remote controller and you are not able to control the room temperature either. In this case, only step 1, 3 and 4 may be performed.*





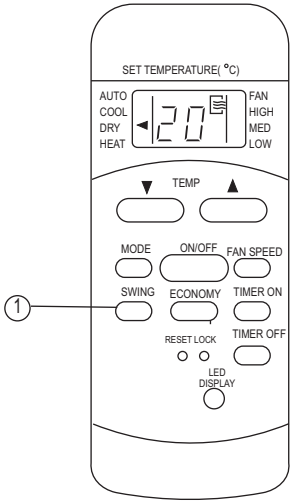

### Dehumidifying operation

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit illuminates.

1. Press the **MODE** button to select DRY mode.
2. Press the **TEMP** button to set the desired temperature. The temperature can be set within a range of 17℃(62℉)~ 30℃ in 1℃(2℉) increments.
3. Press the **ON/OFF** button to start the air conditioner.

***NOTE***

*In the Dehumidifying mode, you can not switch the fan speed. It has already been automatically controlled.*




### Swing operation(on some models)

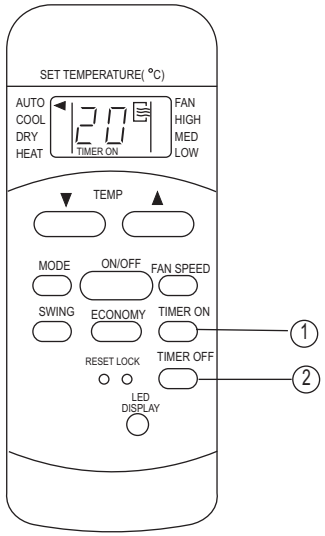
Use the SWING button to adjust the Up/Down airflow direction.

1. When press the button once and quickly, the air flow direction setting feature of the louver is activated. The moving angle of the louver is 6° for each press. Keep pressing the button to move the louver to the desired position.
2. If keep pressing the SWING button without releasing for 2 more seconds, the auto swing feature of the louver is activated. The horizontal louver would swing up/down automatically. Press it again to stop.

**NOTE:** When the louver swing or move to a position which would affect the cooling and heating effect of the air conditioner, it would automatically change the swing/ moving direction.

## Timer operation

press the TIMER ON button can set the auto-on time of the unit. And press the TIMER OFF button can set the auto-off time of the unit.




**To set the Auto-on time.**

1. Press the TIMER ON button. The remote controller shows TIMER ON, the last Auto-on setting time and the signal "h" will be shown on the LCD display area. Now it is ready to reset the Auto-on time to START the operation.
2. Push the TIMER ON button again to set desired Auto-on time. Each time you press the button, the time increases in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
3. After setting the TIMER ON ,there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will re-appear on the LCD display window.

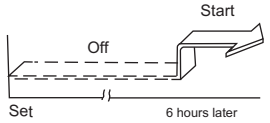
**To set the Auto-off time.**

1. Press the TIMER OFF button. The remote controller shows TIMER OFF, the last Auto-off setting time and the signal "h" will be shown on the LCD display area. Now it is ready to reset the Auto-off time to START the operation.
2. Push the TIMER OFF button again to set desired Auto-off time. Each time you press the button, the time increases in 30 minutes increments, up to 10 hours, then at 1 hour increments up to 24 hours.
3. After setting the TIMER OFF ,there will be a one-half second delay before the remote controller transmits the signal to the air conditioner. Then, after approximately another 2 seconds, the signal "h" will disappear and the set temperature will re-appear on the LCD display window.



***IMPORTANT***

- The effective operation time set by the remote controller for the timer function is limited to the following settings: 0.5, 1.0, 1.5, 2.0, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 9.5, 10, 11, 12, 13, 14, 15,16,17, 18, 19, 20, 21, 22, 23 and 24.




## Example of Timer setting

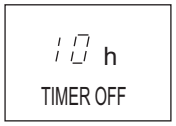
**TIMER ON**
**(Auto-on Operation)**

The TIMER ON feature is useful when you want the unit to turn on automatically before say when you return home. The air conditioner will automatically start operating at the set time.

**Example:**

To start the air conditioner in 6 hours.

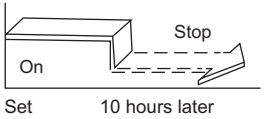
1. Press the TIMER ON button, the last setting of starting operation time and the signal "h" will show on the display area.
2. Press the TIMER ON button to display "6:0h" on the TIMER ON display of the remote controller.
3. Wait for about 3 seconds and the digital display area will show the temperature again. Now this function is activated.




## TIMER OFF

**(Auto-off Operation)**

The TIMER OFF feature is useful when you want the unit to turn off automatically after you go to bed. The air conditioner will stop automatically at the set time.




**Example:**

To stop the air conditioner in 10 hours.

1. Press the TIMER OFF button, the last setting of stopping operation time and the signal "h" will show on the display area.
2. Press the TIMER OFF button to display "10h" on the TIMER OFF display of the remote controller.
3. Wait for about 3 seconds and the digital display area will show the temperature again. Now this function is activated.

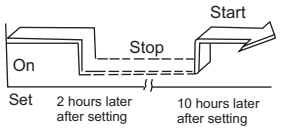
## COMBINED TIMER

(Setting both ON and OFF timers simultaneously)

TIMER OFF ¡ TIMER ON

(On ¡ Stop ¡ Start operation)

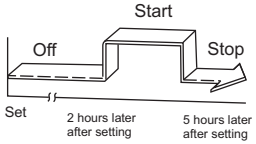
This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.




**Example:**

To stop the air conditioner 2 hours after setting and start it again 10 hours after setting.

1. Press the TIMER OFF button.
2. Press the TIMER OFF button again to display 2.0h on the TIMER OFF display.
3. Press the TIMER ON button.
4. Press the TIMER ON button again to display 10h on the TIMER ON display .
5. Wait for the remote control to display the setting temperature.




TIMER ON ¡ TIMER OFF

(Off ¡ Start ¡ Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

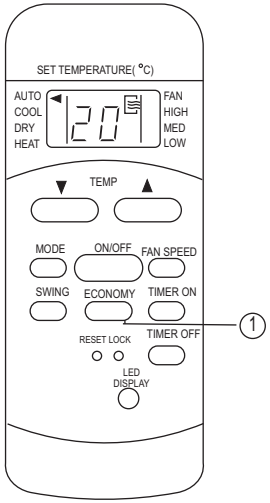
**Example:**

To start the air conditioner 2 hours after setting, and stop it 5 hours after setting.

1. Press the TIMER ON button.
2. Press the TIMER ON button again to display 2.0h on the TIMER ON display.
3. Press the TIMER OFF button.
4. Press the TIMER OFF button again to display 5.0h on the TIMER OFF display .
5. Wait for the remote control to display the setting temperature.

**CAUTION**

- The timer setting(TIMER ON or TIMER OFF) that in sequence occurs directly after the set time will be activated first.




## ECONOMY(SLEEP) operation

When you press the ECONOMY button, the economic running function will be activated, the set temperature will increase(cooling) or decrease(heating) by 1°C(2°F) over the next 30 minutes and by another 1°C(2°F) after an additional 30 minutes.This new temperature will be maintained for 7 hours before it returns to the originally selected temperature.(NOTE: On some models, the set temperature will increase (cooling) or decrease(heating) by 1°C(2°F) per hour for 2 hours. This new temperature will be maintained for 5 hours , then the unit is off.)

**NOTE:** The ECONOMY/SLEEP function is only available under Cooling, Heating and AUTO operation.